

What is claimed is:

1. A key-free mouse, comprising a top cover and a bottom  
cover connected to each other to define an internal  
5 space for receiving a circuit board therein;

said top and said bottom covers being provided in  
an inner side preferably at front and rear ends of  
a longitudinal centerline thereof with two locking  
10 pins and two locking slots, respectively, so that  
a longitudinal pivot axis A-A' is defined between  
a front set and a rear set of said locking pin and  
said locking slot that engage with each other to  
connect said top cover to said bottom cover, and said  
15 top cover being adapted to pivotally turn about said  
pivot axis A-A' by a predetermined degree relative  
to said bottom cover; and

said top cover being provided in an inner surface  
20 at positions corresponding to a left and a right  
switches provided on said circuit board with a left  
and a right strip having a predetermined length, such  
that when said top cover is pivotally turned about  
said pivot axis A-A' and becomes laterally inclined,  
25 either said left or said right strip is brought to  
press against an elastic key provided on each of said  
left and said right switches to make said mouse.

2. The key-free mouse as claimed in claim 1, wherein  
said left and said right strips respectively have  
an elastic element of a predetermined elasticity  
connected thereto for providing a supporting  
5 elasticity needed for said top cover to recover from  
a pivotally turned and laterally inclined position.

3. The key-free mouse as claimed in claim 1, wherein  
said locking slot provided at the front end of said  
10 bottom cover has an elastic element of a  
predetermined elasticity provided therein to locate  
below said locking pin at the front end of said top  
cover for providing a supporting elasticity to said  
front locking pin when said top cover is pivotally  
15 turned.

4. The key-free mouse as claimed in claim 2, wherein  
said elastic elements are springs.

5. The key-free mouse as claimed in claim 3, wherein  
said elastic element is a spring.

6. The key-free mouse as claimed in claim 1, wherein  
said bottom cover includes a left and a right side  
25 wall that respectively have a middle section with  
an increased height.

7. The key-free mouse as claimed in claim 1, wherein  
said locking slot provided at the front end of said  
bottom cover is provided at a top with a guiding bevel,  
via which said locking pin provided at the front end  
5 of said top cover easily slips into said front  
locking slot under a minor pressure.

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